

Phoenix, Ariz., reported no measurable rain for 143 consecutive days ending July 23. The dryness was a natural consequence of the persistent anticyclonic circulation over western United States. Migratory cyclones were completely absent from the area west of the Continental Divide (fig. 5B). In addition, orographic precipitation was far below normal in the Pacific Northwest where the mean "jet" was diverted far to the north (fig. 3).

5. OTHER STORMS IN THE TROPICS

Hurricane Abby was discovered near the Windward Islands. It reached hurricane intensity on the 10th, traveled steadily westward near 15° N. latitude, and skirted the northern coast of Honduras during the 14th. After moving inland on the 15th, the storm apparently dissipated and dropped from sight. On the basis of continuity, however, it is likely that remnants of the storm were instrumental in the formation of hurricane Celeste on the 19th (see dashed continuation of Abby, fig. 7). Celeste moved west-northwestward well off the coast of Mexico, turned westward south of Baja California, on the 22d, weakened to a tropical storm the following day, and dissipated thereafter.

In the western Pacific two storms attained typhoon intensity. Typhoon Polly formed east of Luzon, P.I., on

July 19 and took a slow northerly track through the East China Sea and the Yellow Sea, reaching the coast of Manchuria on the 29th. Shirley also formed east of the Philippines, but took a more westerly course and struck Formosa on the last day of the month.

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